

ABSTRACT OF THE DISCLOSURE

An electromagnetic brake interposed between a fixed housing and a rotating member. The electromagnetic brake includes a multiplate brake mechanism, a ringlike core member fixed through an annular brake guide inside the fixed housing, an exciting coil accommodated in an annular groove formed on the core member, and a ringlike armature member arranged radially outside of the core member. Each of the core member and the armature member has a plurality of tapering surfaces. The tapering surfaces of the core member are respectively complementary in shape to the tapering surfaces of the armature member. The electromagnetic brake further includes a cylindrical pressure member movable in a direction of pressing the multiplate brake mechanism. The cylindrical pressure member has one end fixed to the armature member and another end engaged with the multiplate brake mechanism.